[redacted] 2.0

CONFIGURATION REPORT

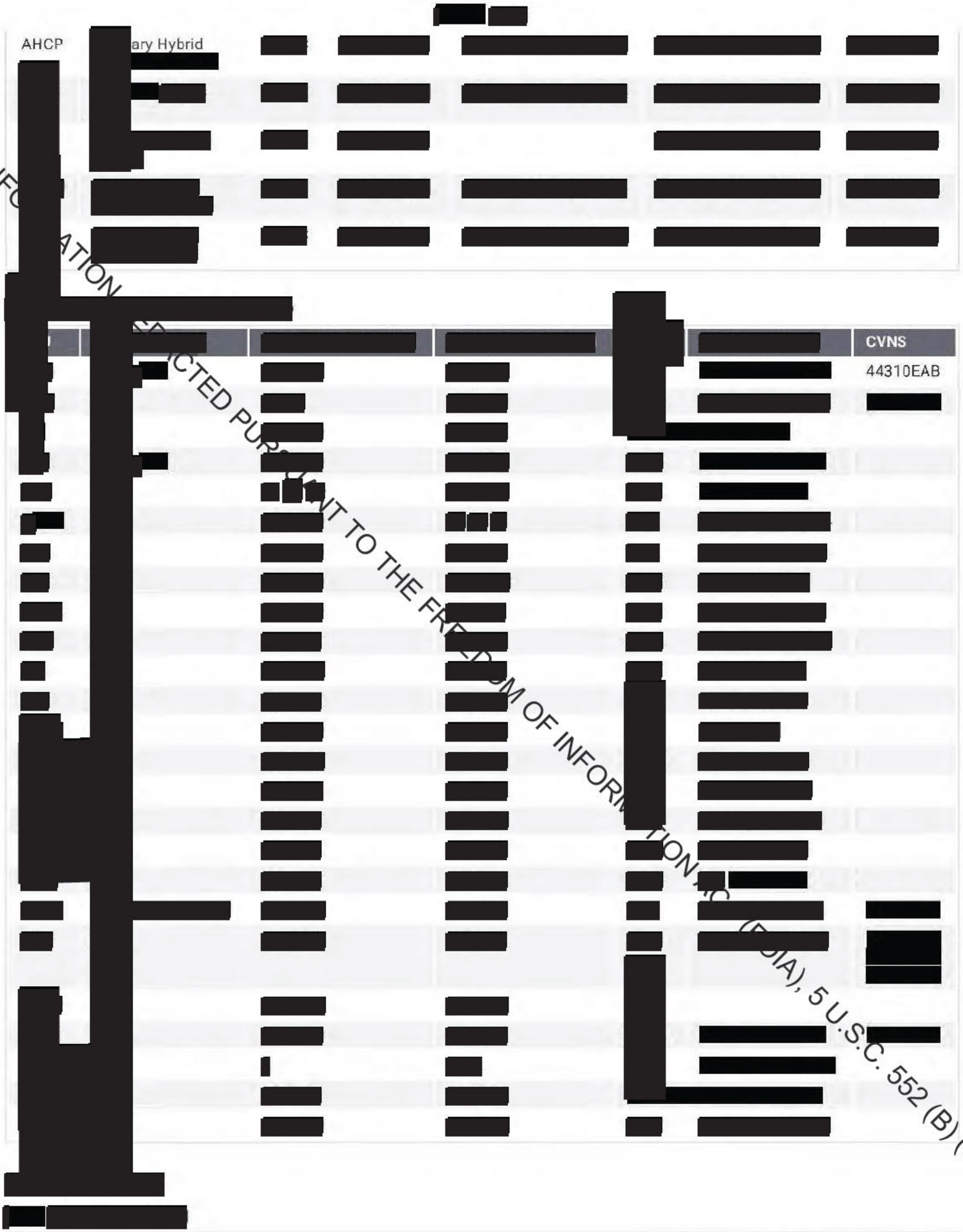
Vehicle [redacted]
[redacted] [redacted]

Odometer 14451.7 [redacted]
Publication Date [redacted]

ECU SUMMARY INFO

ECU	NAME	[redacted]S [redacted]PE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
TCM	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

INFORMATION REDACTED P[redacted]UANT [redacted]EEDOM OF IN ORMATION CT (OIA), 5 U.S.C. 552 (B) (6)



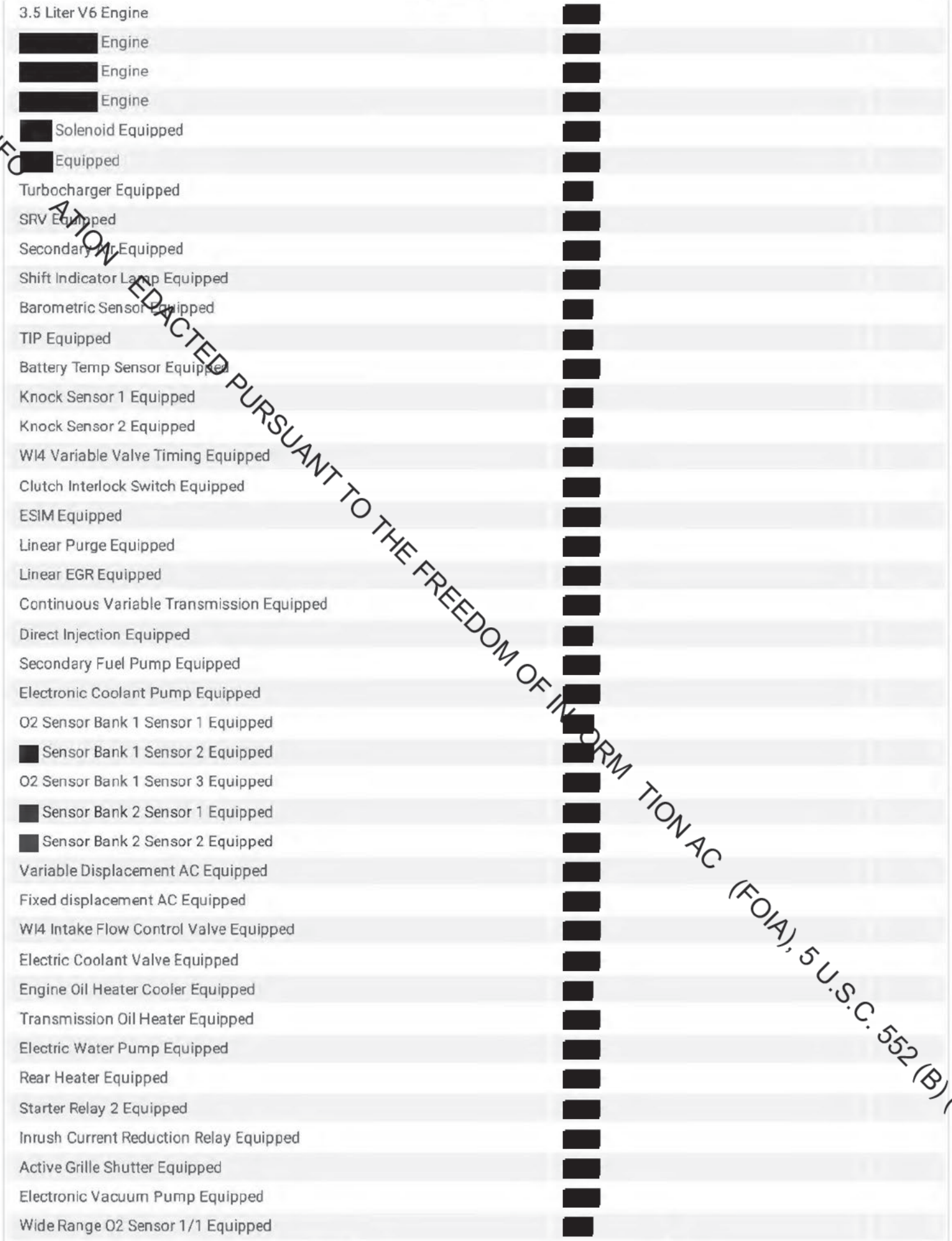
INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Paddle-Shift Switches Equipped	[redacted]
Shifter with Sport Mode Position Equipped	[redacted]
Shifter with Low Mode Position Equipped	[redacted]
Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped	[redacted]
Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped	[redacted]
ECO/Optimizer Switch Equipped	[redacted]
ERS/Autostick/Tip Non-paddle on Steering Wheel equipped	[redacted]
ERS/Autostick/Tip Non-paddle on Shifter in D position equipped	[redacted]
ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped	[redacted]
FWD Equipped	[redacted]
RWD Equipped	[redacted]
AWD Equipped	[redacted]
4WD with switchable Lo Range equipped	[redacted]
Engine Start/Stop equipped	[redacted]
Polystable E-shift (Cableless without return-to-center) equipped	[redacted]
Long Learn Enabled	[redacted]
Short Learn Enabled	[redacted]

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	[redacted]	
AC Equipped Over Bus	[redacted]	
Power Steering Switch Equipped	[redacted]	
4 [redacted] Integrated Cruise Control	[redacted]	
EMAT (Getrag DCT transmission) Equipped	[redacted]	
Vehicle Speed Sensor #1 Calculated from CAN	[redacted]	
Police Package Equipped	[redacted]	
Unleaded Gasoline Fuel	[redacted]	
Unleaded diesel fuel	[redacted]	
[redacted] V8 Engine	[redacted]	
4 Speed Automatic Transmission Equipped	[redacted]	
Electronic Automatic Transmission (EATX) Equipped	[redacted]	
Vehicle Speed Sensor #1 Calculated by ECU	[redacted]	
[redacted] Engine	[redacted]	
[redacted] Engine	[redacted]	
[redacted] Engine	[redacted]	
Sensorless FFV Enabled	[redacted]	
Electronic Throttle Control Equipped	[redacted]	
[redacted] Engine	[redacted]	
[redacted]	[redacted]	
[redacted] Engine	[redacted]	
[redacted] V6 Engine	[redacted]	

INFORMATION EDACTED PURSUANT TO THE FREEDOM OF INFORM TION AC (FOIA), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

Wide Range O2 Sensor [redacted] Equipped	[redacted]
MultiAir Equipped	[redacted]
Engine Stop Start Equipped	[redacted]
Viscosity Sensor Equipped	[redacted]
Duty Cycle Purge Valve Equipped	[redacted]
Electric Thermostat Heater Equipped	[redacted]
Exhaust Cam 1 Equipped	[redacted]
Intake Cam 1 Equipped	[redacted]
[redacted] engine	[redacted]
[redacted] engine	[redacted]
[redacted] engine	[redacted]
[redacted] V6 Engine	[redacted]
Tumble Generator Valve Equipped	[redacted]
Hybrid Electric Vehicle Equipped	[redacted]
Auxiliary Heater Electric Water Pump Equipped	[redacted]
Dual Speed Fuel Pump Equipped	[redacted]
Exhaust Cam 2 Equipped	[redacted]
Intake Cam 2 Equipped	[redacted]
1 Speed Fan Mechanical Relay System Equipped	[redacted]
2 Speed Fan Mechanical Relay System Equipped	[redacted]
2 Speed Fan PWM Relay System Equipped	[redacted]
Linear PWM Fan Relay System Equipped	[redacted]
PWM Fan Motor System Equipped	[redacted]
3 Speed Fan Mechanical Relay System Equipped	[redacted]
Fan Wake Up Relay System Equipped	[redacted]
2 Speed Fan [redacted] 3 Relay System Equipped	[redacted]
[redacted] / [redacted] / [redacted]	[redacted]
[redacted]	[redacted]
[redacted] / [redacted] / [redacted]	[redacted]
[redacted]	[redacted]
[redacted] / [redacted]	[redacted]
VLP Is Learnable Indicator	[redacted]
VLP Equipped Indicator	[redacted]
VFS Actuators Available Indicator	[redacted]
ERS Equipped Indicator	[redacted]
Engine Software In Package	[redacted]
Transmission Software Included	[redacted]
ICC Cruise Equipped	[redacted]
ETC Cruise equipped	[redacted]
Adaptive Cruise Control Equipped	[redacted]
A/C Equipped	[redacted]
Adaptive Cruise Control Hardware Equipped	[redacted]

SessionID [redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

[redacted] EQUIPPED	[redacted]
Cylinder Pressure Sensor Equipped	[redacted]
Make Up Air Sensor Equipped	[redacted]
Active Exhaust Pressure Sensor Equipped	[redacted]
Secondary Mass Airflow Sensor Equipped	[redacted]
[redacted] Engine	[redacted]
[redacted] Direct Injection Engine	[redacted]
Variable Valve Lift Equipped	[redacted]
Coolant On/Off Pump Equipped	[redacted]
Primary Lin Alternator Equipped	[redacted]
Electronic Parking Brake Equipped	[redacted]
Active Exhaust Valve(s) Equipped	[redacted]
Mechanical Coolant Pump Equipped	[redacted]
Aux Coolant Pump Heater Equipped	[redacted]
Heater Temp Control Valve Equipped	[redacted]
High Side Port Tumble Valve Equipped	[redacted]
Wastegate HBridge Equipped	[redacted]
Remote Start Present	[redacted]
Engine Oil Pressure Sensor Type	[redacted] [redacted]

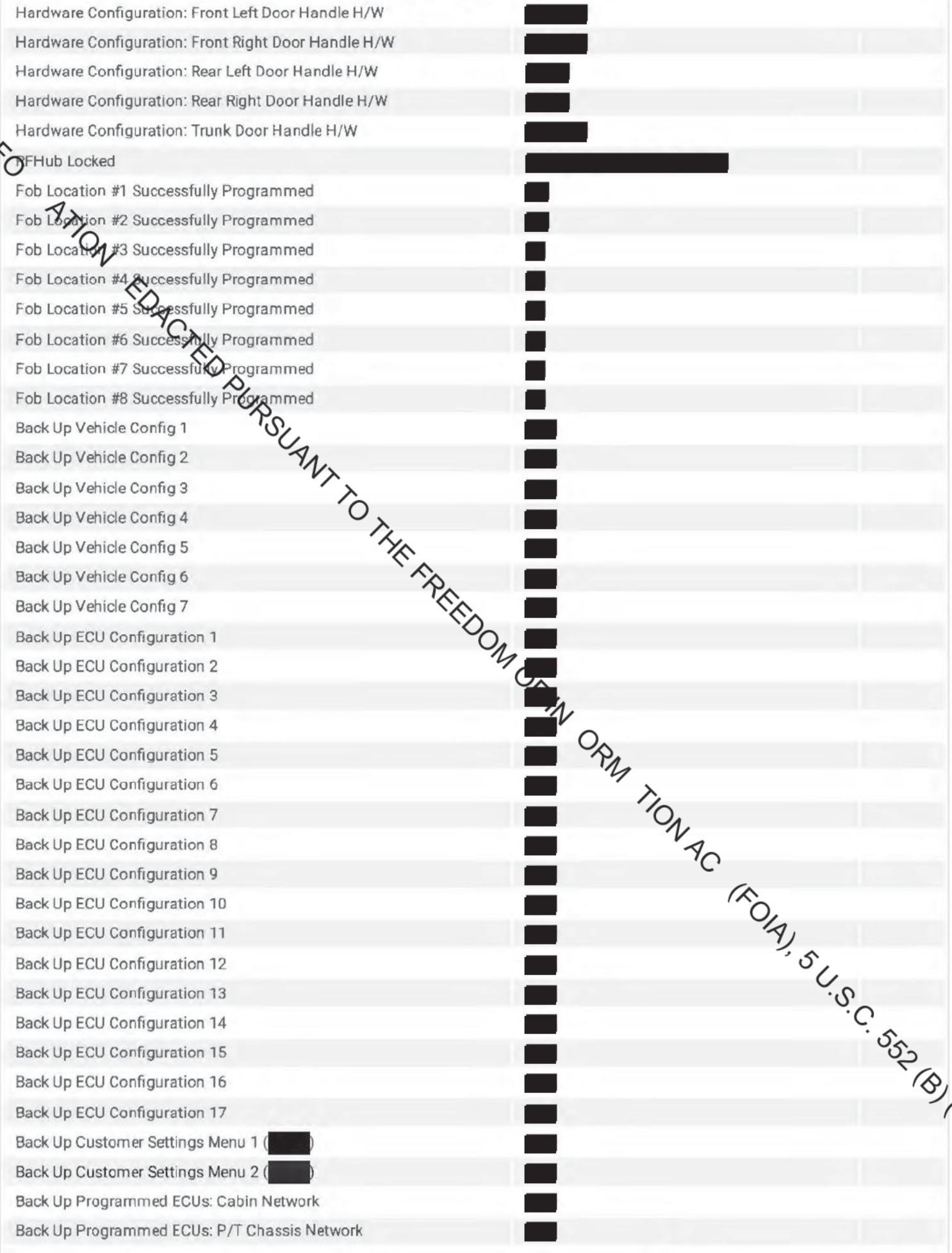
ICS CONFIGURATION

NAME	VALUE	[redacted]
Display Type (Base)	[redacted]	
Display Type (Mid)	[redacted]	
Display Type (High)	[redacted]	

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	[redacted]	
VIN Successfully Programmed	[redacted]	
Valid Key In Ignition	[redacted]	
Keyless Go	[redacted]	
Ignition system type connected	[redacted]	
e-shifter present	[redacted]	
Auto Park Present	[redacted]	
Secret Codes Programmed	[redacted]	
Passive Entry	[redacted]	
[redacted]	[redacted]	
Module Configuration Status	[redacted]	
Remote Start Present	[redacted]	
[redacted] Programmed by	[redacted]	
Hardware Configuration: Remote Start Antenna	[redacted]	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

Secret Key Sent to Body Controller - Most recent attempt	[redacted]
Secret Key Sent to Body Controller - Original attempt	[redacted]
Base TPM Present	[redacted]
Full Size Matching Spare Tire Present	[redacted]
ECU Ship Status	[redacted]
Tire Pressure System	[redacted]
Selectable Tire Fill Alert	[redacted]
TPM Auto-Locate Enabled	[redacted]
TPMS Configuration	[redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

DTCM CONFIGURATION

NAME	VALUE	UNITS
Full-Time T-Case	[redacted]	
Front Locker Present	[redacted]	
Rear Locker Present	[redacted]	
FAD Present	[redacted]	
Mode Switch Present	[redacted]	
Left/Right Hand Drive	[redacted]	
Axle Ratio	[redacted]	
T-Case Type	[redacted]	
SRT Present		

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	[redacted]	
EPPM	[redacted]	
Occupant Classification (OCM)	[redacted]	
[redacted] Driver Seatbelt Buckle Switch	[redacted]	
[redacted] Passenger Seatbelt Buckle Switch	[redacted]	
[redacted] Left seat belt Switch	[redacted]	
[redacted]w Center seat belt Switch	[redacted]	
Second Row Right seat belt Switch	[redacted]	
Driver Seat Track Position Sensor	[redacted]	
Passenger Seat Track Position Sensor	[redacted]	
Passenger Occupant Detection Sensor	[redacted]	
Passenger Airbag Disable Switch	[redacted]	
Passenger Airbag Disable Indicator	[redacted]	
Driver Frontal Squib 1	[redacted]	
Driver Frontal Squib 2	[redacted]	
Driver Frontal Squib 3	[redacted]	
Passenger Frontal Squib 1	[redacted]	
Passenger Frontal Squib 2	[redacted]	

Passenger Frontal Squib 3	[redacted]
Driver Knee Bolster Squib	[redacted]
Passenger Knee Bolster Squib	[redacted]
Driver Seatbelt Retractor Pretensioner	[redacted]
Passenger Seatbelt Retractor Pretensioner	[redacted]
Driver Seatbelt Load Limiter	[redacted]
Passenger Seatbelt Load Limiter	[redacted]
Driver Seatbelt Anchor Pretensioner	[redacted]
Passenger Seatbelt Anchor Pretensioner	[redacted]
Driver Seatbelt Buckle Pretensioner	[redacted]
Passenger Seatbelt Buckle Pretensioner	[redacted]
Left Curtain Squib 1	[redacted]
Right Curtain Squib 1	[redacted]
Left Side Seat Squib 1	[redacted]
Right Side Seat Squib 1	[redacted]
[redacted] Left Seat Side Airbag	[redacted]
Second Row Right Seat Side Airbag	[redacted]
Driver Frontal Squib 4	[redacted]
Passenger Frontal Squib 4	[redacted]
Left Up-Front Acceleration Sensor	[redacted]
Right Up-Front Acceleration Sensor	[redacted]
Right B-Pillar Impact Acceleration Sensor	[redacted]
Left B-Pillar Impact Acceleration Sensor	[redacted]
Left C-Pillar Impact Acceleration Sensor	[redacted]
Right C-Pillar Impact Acceleration Sensor	[redacted]
Right D-Pillar Impact Acceleration Sensor	[redacted]
Left D-Pillar Impact Acceleration Sensor	[redacted]
Left Side Door Pressure Sensor	[redacted]
Right Side Door Pressure Sensor	[redacted]
Configuration Column Identifier	[redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA) 5 U.S.C. 552 (B)(6)

HVAC CONFIGURATION

NAME	[redacted]	[redacted]
[redacted] ATC Control (Factory)	[redacted]	
[redacted] ATC Control	[redacted]	
[redacted] MTC Control	[redacted]	
Single Zone MTC Control	[redacted]	
MTC With EBL ([redacted])	[redacted]	
MTC Without EBL ([redacted])	[redacted]	
MTC heater only ([redacted])	[redacted]	

AMP CONFIGURATION

SessionID [redacted]

NAME	VALUE	UNITS
[redacted]C Calibration Date - Year	[redacted]	
[redacted]C Calibration Date - Week	[redacted]	
[redacted]C Calibration Date - Patch Level	[redacted]	
Current [redacted] Calibration ID - Service	[redacted]	
[redacted]C Status	[redacted]	
Surround Sound Activated	[redacted]	
Door Module - Left Front	[redacted]	
Door Module - Right Front	[redacted]	
Premuim - 1	[redacted]	
Premuim - 2	[redacted]	
Premuim - 3	[redacted]	
Non - [redacted]	[redacted]	
No Rear Doors	[redacted]	
No [redacted] Chimes	[redacted]	

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration	[redacted]	
Main Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Main Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Main Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Main Fuel Tank Gauge - Full Stop Calibration	[redacted]	
Sub Fuel Tank Gauge - Empty Stop Calibration	[redacted]	
Sub Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Sub Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Sub Fuel Tank Gauge - [redacted] Datum Calibration	[redacted]	
Sub Fuel Tank Gauge - Full Stop Calibration	[redacted]	

PTS CONFIGURATION

NAME	VALUE	UNITS
Rear System with [redacted]	[redacted]	
Front System with [redacted]	[redacted]	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	[redacted]	
Tilt Telescope	[redacted]	
Paddle Shifter	[redacted]	
Cruise Control / ACC	[redacted]	

BCM CONFIGURATION

SessionID [redacted]

INFORMATION EDACTED PURSUANT TO THE FREEDOM OF IN ORM TI N AC (FOIA), 5 U.S.C. 552 (B) (6)

NAME	VALUE	UNITS
RBSM		
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		
PTCM		
Radio		
ITM		
AMP		
EDM		
HVAC_R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		
DTCM		
PCM		
EPS		
ESM		
ABS		
RFH		
IPC		
ORC		
PTS		
SCCM		
ELSD		
TCM		
TPM		
AFLS		
ITBM		
OCM		
DPDM		
[redacted]		
[redacted]		
[redacted]		
Number of Reprogramming Attempts - Counter [redacted]		
Vehicle Configuration Programmed Status		
Last Programmed Status		
Last Configuration Odometer		
Vehicle Configuration Auto Write Counter		
Vehicle Configuration 1 - Write Counter		
SessionID		

INFORMATION EDACTED PURSUANT TO THE FREEDOM OF IN ORM TI N AC (FOIA), 5 U.S.C. 552 (B) (6)



INFO [redacted] EXTRACTED PURSUANT TO THE FREEDOM OF IN ORM TI N AC (FOIA), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF IN ORM T C (FOI), 5 U.S.C. 552 (B) (6)

Vehicle Brand	
Display Compass Heading Present	
Interior EC Mirror Present	
[redacted] system present	
High Intensity Discharge Head Lamps	
Secondary Lock Present	
Liftgate/Trunk Type	
Collision Mitigation System present	
Forward Collision Warning present	
Base [redacted] system present	
Premium [redacted] system present	
Paddle Shift Feature Present	
Sport Mode Present	
Auto Park Present	
Passive Entry Present	
Keyless Go Present	
Transfer Case High Ratio	
Axle Ratio	
Transfer Case Low Range Reduction Ratio	
Dynamic Tire Circumference (All or Rear)	
Dual Rear Wheel (DRW) Vehicle Present	
[redacted]	[redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF IN ORM TI N C (FOI), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)



INFO A TION EDACTED PURSUANT TO THE FREEDOM OF IN ORM TI N C (FOI), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFO ATION EDACTED PURSUANT TO THE FREEDOM OF IN ORM TI N C (FOI), 5 U.S.C. 552 (B) (6)



INFO A ION EDACTED PURSUANT TO THE FREEDOM OF N F I N C (FOI), 5 U.S.C. 552 (B)(6)



INFO A ION EDACTED PURSUANT TO THE FREEDOM OF IN ORM TI N C (FOI), 5 U.S.C. 552 (B) (6)

Heated Mirrors Present	[redacted]
Engine Displacement	[redacted]
Steering C Factor	[redacted]3
Speedometer Tolerance	[redacted]
Increasing speed constant	[redacted]
Tachometer [redacted]	[redacted]
DTV Present	[redacted]
Tri-State Comfort Climate Softkey Function Present	[redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

RADIO CONFIGURATION

NAME	[redacted]	[redacted]
Satellite Subscription ID	[redacted]	
Satellite Subscription Status	[redacted]	
Satellite Subscription Reason Code	[redacted]	
Satellite Subscription Suspend Day	[redacted]	
Satellite Subscription Suspend Month	[redacted]	
Satellite Subscription Suspend Year	[redacted]	
[redacted] Button	[redacted]	
SDARS	[redacted]	
Navigation Active	[redacted]	
Cellular	[redacted]	
Internal CD Player	[redacted]	
Wi-Fi	[redacted]	
Bluetooth	[redacted]	
Application Framework	[redacted]	
FM Diversity	[redacted]	
Clock Defeat	[redacted]	
Automated Loudness	[redacted]	
Anti-Theft Enable Status	[redacted]	
[redacted] Time Selection	[redacted]	
Front Seat Video Playback	[redacted]	
Cabin EQ Curve Number Currently Used by Radio	[redacted]	
Splash Screen	[redacted]	
Compass on the bus messaging Authorization	[redacted]	
GPS on the Bus messaging Authorization	[redacted]	
USB Hubs Detected	[redacted]	[redacted]
SD Card Readers Detected	[redacted]	[redacted]
Enumerated USB Devices	[redacted]	[redacted]
Aux Jack	[redacted]	
DTV Short Term Configuration	—	

LBSS CONFIGURATION

SessionID [redacted]

NAME	VALUE	UNITS
Steering (LHD/RHD)	[redacted]	
Teen Key	[redacted]	
CFG FEATURE	[redacted]	

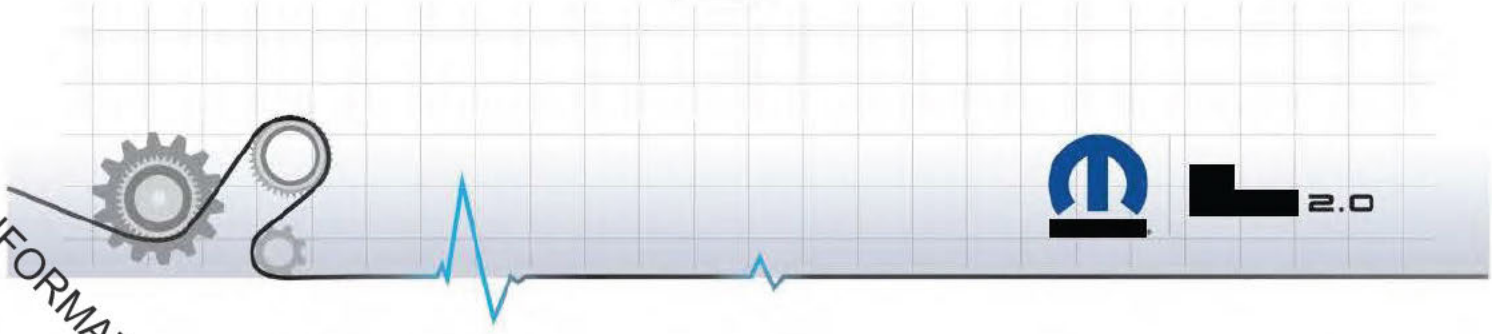
RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[redacted]	
Teen Key	[redacted]	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	[redacted]	
Displacement	[redacted]	No Unit
Hybrid Type	[redacted]	
Trans Type	[redacted]	
Drive Configuration	[redacted]	
Chassis Type	[redacted]	
Axle Ratio	[redacted]	No Unit
Tire Circumference	[redacted]	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

VEHICLE HEALTH REPORT

Vehicle [redacted] DI TURBO PHEV ENGINE

ECU SUMMARY INFO

ECU	NAME	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
TCM	Transmission Control Module	[redacted]				
PCM	Powertrain Control Module	[redacted]				
ICS	Integrated Center Stack	[redacted]				
RFH	Radio Frequency Hub	[redacted]				
ESM	Electronic Shifter	[redacted]				
DTCM	Drive Train Control Module	[redacted]				
ORC	Occupant Restraint	[redacted]				
EPS	Electric Power Steering	[redacted]				
HVAC	Heat, Ventilation and A/C	[redacted]				
AMP	Amplifier	[redacted]				
IPC	Instrument Panel Cluster	[redacted]				
PTS	Parktronics	[redacted]				
SCCM	Steering Column Control Module	[redacted]				
BCM	Body Controller	[redacted]				
RADIO	Radio	[redacted]				
OCM	Occupant Classification	[redacted]				
LBSS	Left Blind Spot Sensor	[redacted]				
RBSS	Right Blind Spot Sensor	[redacted]				
BPCM	Battery Pack Control Module	[redacted]				
HCP	Hybrid Control Processor	[redacted]				

Auxiliary Hybrid

									SERIAL NUMBER	CVNS

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

NUMBER	TYPE	RSU #	DESCRIPTION
[redacted]	[redacted]		[redacted]

[redacted] JL [redacted] PHEV

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[redacted]			[redacted]
[redacted]	[redacted]		[redacted]
RC-[redacted]	RECALL		[redacted]
RC-[redacted]22	[redacted]		[redacted]

ABSO | [redacted] JL ABSO PHEV [redacted] APAC

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
[redacted]	TSB		[redacted]

RSUS

RSU #	DESCRIPTION	STATUS
[redacted]	[redacted]	Complete

RECALLS

RECALL #	DESCRIPTION	STATUS
[redacted]	[redacted]	Complete
[redacted]	[redacted]	Complete
[redacted]	[redacted]	Complete

DTC SUMMARY

[redacted]	DTC CODE	DTC DESCRIPTION	STATUS
	[redacted]	[redacted]	Active
	[redacted]	[redacted]	Stored
	[redacted]	[redacted]	Stored

E[redacted]L DATA SUMMARY

RADIO | [redacted]0 | Active | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable	[redacted]	
TestFailed	[redacted]	
TestFailedThisMonitoringCycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed This Monitoring Cycle	[redacted]	
Warning Indicator Requested	[redacted]	

SessionID [redacted]

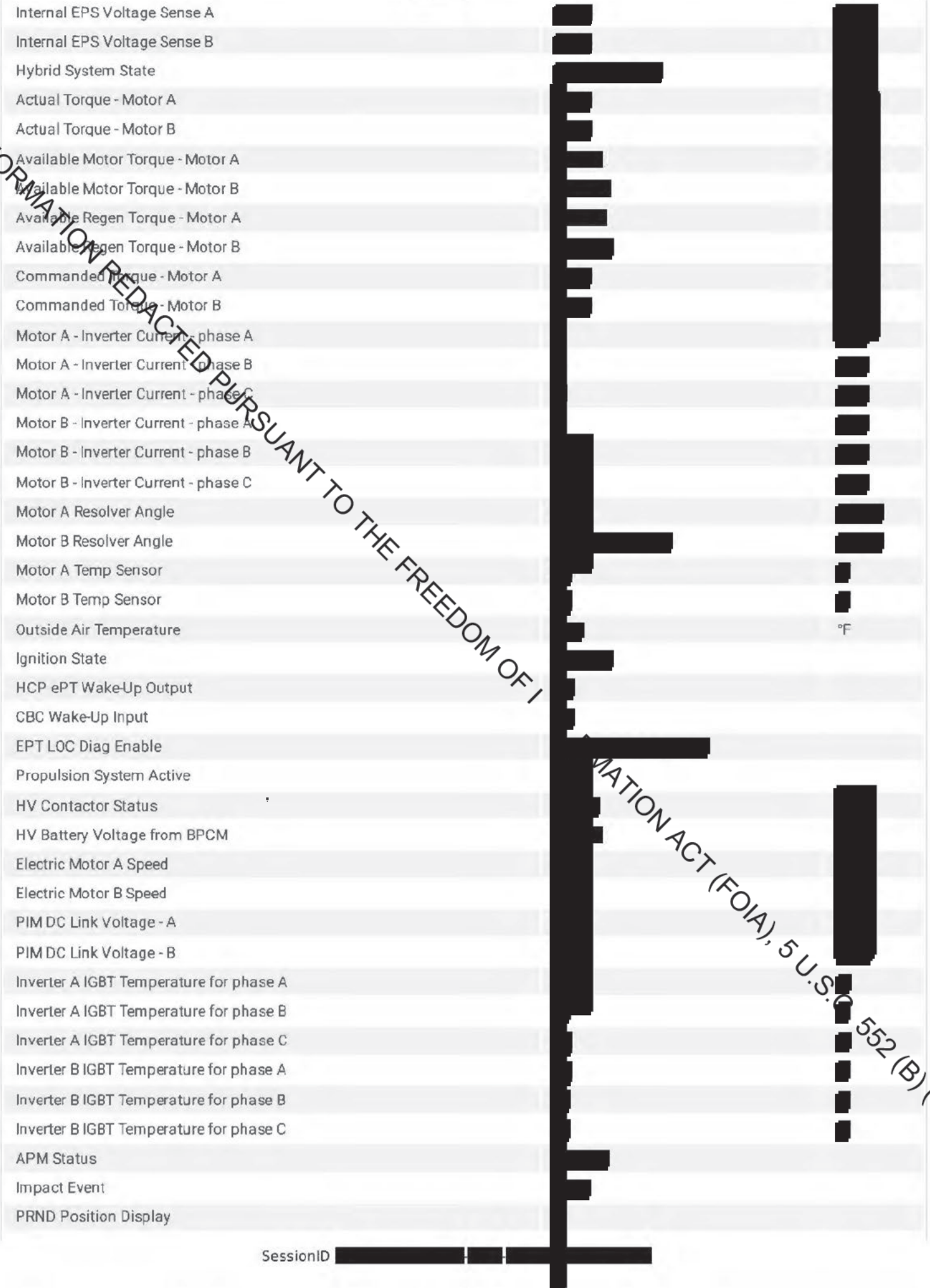
INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

[redacted]ExtendedDataRecordNumber	[redacted]
Occurance Flag	[redacted]
Reserved	[redacted]
Original Odometer Value	[redacted]
Most Recent Odometer Value	[redacted]
Frequency Counter	[redacted]
Ignition Counter	0
[redacted]	[redacted]
Event Counter	[redacted]

HCP | [redacted]Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
[redacted]	[redacted]	
Test Failed	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	[redacted]	
[redacted] Cycle Counter	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
Real time clock	[redacted]	
RAM stamps keyOn	[redacted]	
RAM Stamps	[redacted]	
Accelerator Pedal Position	[redacted]	
Barometric Pressure	[redacted]	
Engine Coolant Temperature	[redacted]	
Engine Speed	[redacted]	
Vehicle Speed	[redacted]	
HV Battery SOC	[redacted]	
Brake Switch Status	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
Battery Feed Voltage 3	[redacted]	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF I
MATION ACT (FOIA), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

[redacted] Running	[redacted]
[redacted] Motor Mode Fault Count	[redacted]
[redacted] Commanded Reduced Performance Torque	[redacted]
[redacted] Flag to trigger Reduced Performance Mode	[redacted]
[redacted] Output Torque Monitor Failing - Max Lim Violated	[redacted]
[redacted] Output Torque Monitor Failing - Min Lim Violated	[redacted]
[redacted] Output Torque Monitor Failed - Max Lim Violated	[redacted]
[redacted] Output Torque Monitor Failed - Min Lim Violated	[redacted]
[redacted] Regen Monitor Fault	[redacted]
[redacted] Reduced Performance Mode	[redacted]
GPS Date - [redacted]	Year
GPS Date - Month	[redacted]
GPS Date - Day	[redacted]
UTC Time - Hours	[redacted]
UTC Time - [redacted]	
UTC Time - [redacted]	
ECU Time - [redacted]	

[redacted]

[redacted]	[redacted]	UNITS
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
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[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	1	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	
[redacted]	[redacted]	sec
[redacted]	[redacted]	Min
[redacted]	[redacted]	
[redacted]	[redacted]	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (5 U.S.C 552 (B)(6))

[redacted]

Engine Coolant Temperature	°F
Engine Speed	rpm
Vehicle Speed	MPH
HV Battery SOC	%
Brake Switch Status	
Battery Feed Voltage 1 Sense	Volts
Battery Feed Voltage 2 Sense	Volts
Battery Feed Voltage 3 Sense	Volts
Internal EPS Voltage Sense A	Volts
Internal EPS Voltage Sense B	Volts
Hybrid System State	
Actual Torque - Motor A	Ft-Lbs
Actual Torque - Motor B	Ft-Lbs
Available Motor Torque - Motor A	Ft-Lbs
Available Motor Torque - Motor B	Ft-Lbs
Available Regen Torque - Motor A	Ft-Lbs
Available Regen Torque - Motor B	Ft-Lbs
Commanded Torque - Motor A	Ft-Lbs
Commanded Torque - Motor B	Ft-Lbs
Motor A - Inverter Current - phase A	AMP
Motor A - Inverter Current - phase B	AMP
Motor A - Inverter Current - phase C	AMP
Motor B - Inverter Current - phase A	AMP
Motor B - Inverter Current - phase B	AMP
Motor B - Inverter Current - phase C	AMP
Motor A Resolver Angle	Degree
Motor B Resolver Angle	Degree
Motor A Temp Sensor	°F
Motor B Temp Sensor	°F
Outside Air Temperature	°F
Ignition State	
HCP ePT Wake-Up Output	
CBC Wake-Up Input	
EPT LOC Diag Enable	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	Volts
Electric Motor A Speed	rpm
Electric Motor B Speed	rpm
PIM DC Link Voltage - A	Volts
PIM DC Link Voltage - B	Volts
Inverter A IGBT Temperature for phase A	°F

SessionID

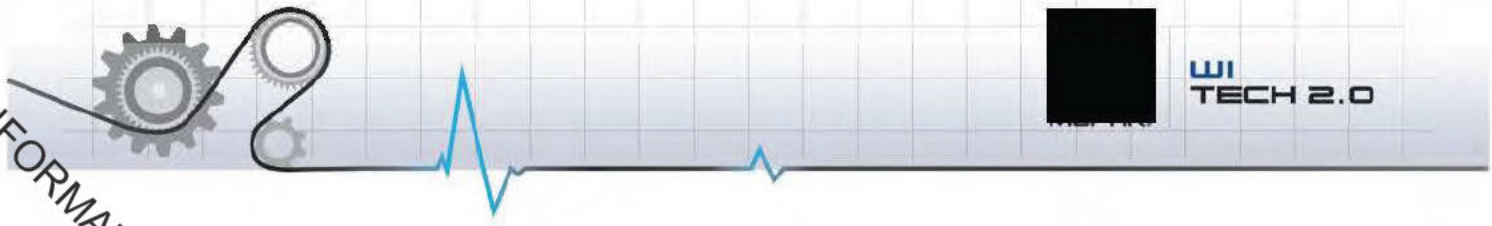
INFO A ION EDACTED PU UANT TO HE FREEDOM OF IN M I N C O) 5 U.S.C 552 (B)(6)



INFO A ION EDACTED PU UANT TO HE FREEDOM OF IN M TI N C O) 5 U.S.C 552 (B) (6)



INFO A ION EDACTED PU UANT TO HE FREEDOM OF IN M TI N C O) 5 U.S.C 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

VEHICLE SCAN REPORT

Vehicle [redacted] DI TURBO PHEV ENGINE
VIN [redacted]

Odometer [redacted]
Publication Date [redacted]

ECU SUMMARY INFO

ECU	NAME	[redacted]	[redacted]	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PCM	Powertrain Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ICS	Integrated Center Stack	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RFH	Radio Frequency Hub	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ESM	Electronic Shifter	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
DTCM	Drive Train Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
ORC	Occupant Restraint	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
EPS	Electric Power Steering	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
HVAC	Heat, Ventilation and A/C	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
AMP	Amplifier	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
IPC	Instrument Panel Cluster	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
PTS	Parktronics	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SCCM	Steering Column Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
BCM	Body Controller	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RADIO	Radio	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
OCM	Occupant Classification	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
LBSS	Left Blind Spot Sensor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
RBSS	Right Blind Spot Sensor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
BPCM	Battery Pack Control Module	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
HCP	Hybrid Control Processor	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

AHCP	Auxiliary Hybrid [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[redacted]

[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	SERIAL NUMBER	CVNS
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	?????????????	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	

[redacted]

ECU	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]

[redacted]

INF[redacted]A[redacted]ION [redacted]ECTED PU[redacted]ANT TO [redacted]HE FRE[redacted]OM OF IN[redacted] M[redacted]TI[redacted]N [redacted]) 5 U.S.C 552 (B) (6)

[redacted] [redacted] Internal Control Module Torque Calculation Performance [redacted]

ENVIRONMENTAL DATA SUMMARY

RADIO | [redacted]0 | Active | CAN C Bus Off Performance-

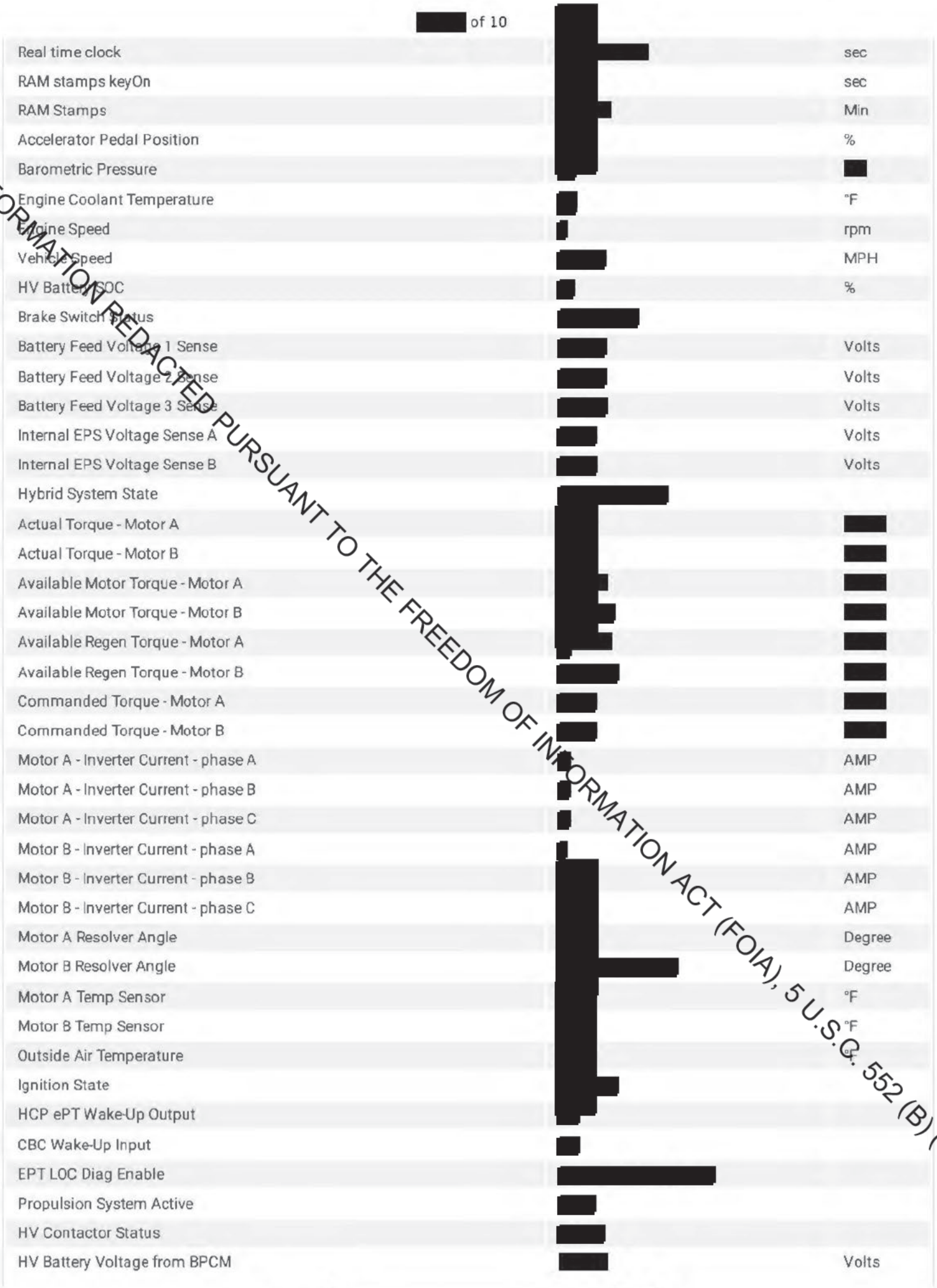
NAME	[redacted]	[redacted]
DTCTable	[redacted]	
TestFailed	[redacted]	
TestFailedThisMonitoringCycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed This Monitoring Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTCExtendedDataRecordNumber	[redacted]	
Occurance Flag	[redacted]	
Reserved	[redacted]	
Original Odometer Value	[redacted]	
Most Recent Odometer Value	[redacted]	
Frequency Counter	[redacted]	
Ignition Counter	[redacted]	
[redacted]	[redacted]	
Event Counter	[redacted]	

[redacted] | [redacted] | Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	[redacted]
Most Recent Odometer Value	[redacted]	[redacted]
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	
Microcontroller reset reason - [redacted]0	[redacted]	
Microcontroller reset reason - [redacted]1	[redacted]	

SessionID [redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)



Real time clock	sec
RAM stamps keyOn	sec
RAM Stamps	Min
Accelerator Pedal Position	%
Barometric Pressure	[redacted]
Engine Coolant Temperature	°F
Engine Speed	rpm
Vehicle Speed	MPH
HV Battery SOC	%
Brake Switch Status	
Battery Feed Voltage 1 Sense	Volts
Battery Feed Voltage 2 Sense	Volts
Battery Feed Voltage 3 Sense	Volts
Internal EPS Voltage Sense A	Volts
Internal EPS Voltage Sense B	Volts
Hybrid System State	
Actual Torque - Motor A	[redacted]
Actual Torque - Motor B	[redacted]
Available Motor Torque - Motor A	[redacted]
Available Motor Torque - Motor B	[redacted]
Available Regen Torque - Motor A	[redacted]
Available Regen Torque - Motor B	[redacted]
Commanded Torque - Motor A	[redacted]
Commanded Torque - Motor B	[redacted]
Motor A - Inverter Current - phase A	AMP
Motor A - Inverter Current - phase B	AMP
Motor A - Inverter Current - phase C	AMP
Motor B - Inverter Current - phase A	AMP
Motor B - Inverter Current - phase B	AMP
Motor B - Inverter Current - phase C	AMP
Motor A Resolver Angle	Degree
Motor B Resolver Angle	Degree
Motor A Temp Sensor	°F
Motor B Temp Sensor	°F
Outside Air Temperature	[redacted]
Ignition State	
HCP ePT Wake-Up Output	
CBC Wake-Up Input	
EPT LOC Diag Enable	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	Volts

SessionID [redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

CAN Hybrid Feedback ECM	[redacted]
eMotor B Mode Command	[redacted]
Motor A Inverter SW Command	[redacted]
Motor B Inverter SW Command	[redacted]
Lv2 Output Torque Command Fault	[redacted]
Lv1 Retarded Shutdown	[redacted]
Lv1 System Shutdown	[redacted]
Lv2 Motor Mode Failure	[redacted]
Lv2 Key Run Crank Active	[redacted]
Lv2 CAN Key In Run	[redacted]
Lv2 Motor Mode Monitor Not Allowed	[redacted]
Lv2 Motor Mode Failing	[redacted]
Lv2 Motor Mode Monitor Set	[redacted]
Lv2 Prime Running	[redacted]
Lv2 Motor Mode Fault Count	[redacted]
[redacted] Commanded Reduced Performance Torque	[redacted] Ft-Lbs
[redacted] Flag to trigger Reduced Performance Mode	[redacted]
[redacted] Output Torque Monitor Failing - Max Lim Violated	[redacted]
[redacted] Output Torque Monitor Failing - Min Lim Violated	[redacted]
[redacted] Output Torque Monitor Failed - Max Lim Violated	[redacted]
[redacted] Output Torque Monitor Failed - Min Lim Violated	[redacted]
[redacted] Regen Monitor Fault	[redacted]
[redacted] Reduced Performance Mode	[redacted]
GPS Date - Year	[redacted] Year
GPS Date - Month	[redacted]
GPS Date - Day	[redacted]
UTC Time - Hours	[redacted]
UTC Time - Minutes	[redacted]
UTC Time -	[redacted]
ECU Time -	[redacted]

[redacted]P | [redacted]0 | Stored | Internal Control Module Torque Calculation Performance-

NAME	VALUE	UNITS
[redacted]		
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	

SessionID [redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF I[redacted]M TION AC (FOIA), 5 U.S.C. 552 (B)(6)

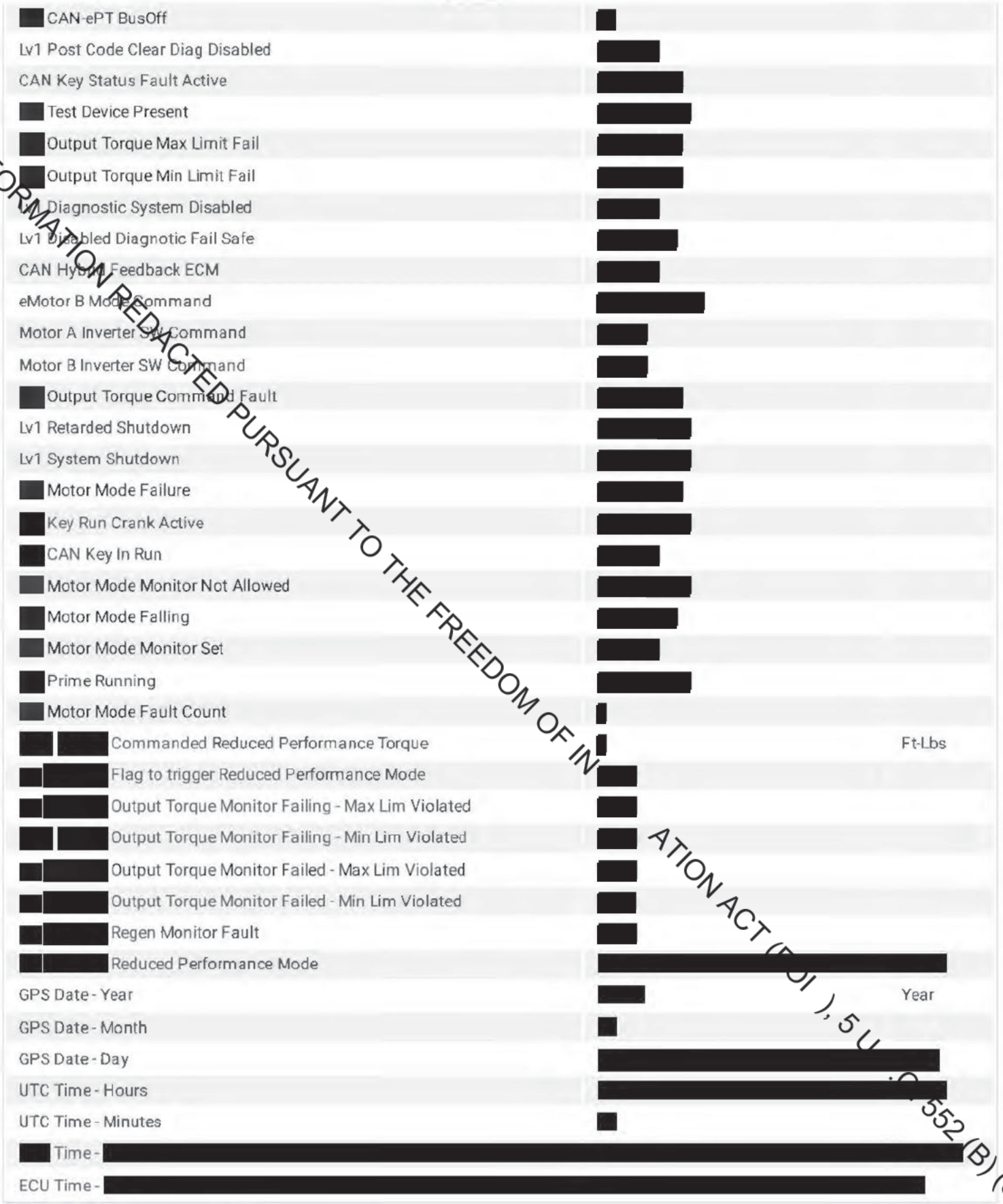
[redacted] Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	miles
Most Recent Odometer Value	[redacted]	miles
Frequency Counter	1	
Ignition Cycle Counter	[redacted]	
Microcontroller reset reason - [redacted]	[redacted]	
Microcontroller reset reason - [redacted]	[redacted]	
Real time clock	[redacted]	sec
RAM stamps [redacted] On	[redacted]	sec
RAM Stamps	[redacted]	Min
Accelerator Pedal Position	[redacted]	%
Barometric Pressure	[redacted]	[redacted]
Engine Coolant Temperature	[redacted]	°F
Engine Speed	[redacted]	rpm
Vehicle Speed	[redacted]	MPH
HV Battery SOC	[redacted]	%
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	Volts
Battery Feed Voltage 2 Sense	[redacted]	Volts
Battery Feed Voltage 3 Sense	[redacted]	Volts
Internal EPS Voltage Sense A	[redacted]	Volts
Internal EPS Voltage Sense B	[redacted]	Volts
Hybrid System State	[redacted]	
Actual Torque - Motor A	[redacted]	Ft[redacted]
Actual Torque - Motor B	[redacted]	Ft[redacted]
Available Motor Torque - Motor A	[redacted]	Ft[redacted]
Available Motor Torque - Motor B	[redacted]	Ft[redacted]
Available Regen Torque - Motor A	[redacted]	Ft[redacted]
Available Regen Torque - Motor B	[redacted]	Ft[redacted]
Commanded Torque - Motor A	[redacted]	Ft[redacted]
Commanded Torque - Motor B	[redacted]	Ft[redacted]
Motor A - Inverter Current - phase A	[redacted]	AMP
Motor A - Inverter Current - phase B	[redacted]	AMP
Motor A - Inverter Current - phase C	[redacted]	AMP
Motor B - Inverter Current - phase A	[redacted]	AMP
Motor B - Inverter Current - phase B	[redacted]	AMP
Motor B - Inverter Current - phase C	[redacted]	AMP
Motor A Resolver Angle	[redacted]	Degree
Motor B Resolver Angle	[redacted]	Degree
Motor A Temp Sensor	[redacted]	°F
Motor B Temp Sensor	[redacted]	°F

SessionID [redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF IN[redacted]MATION ACT (FOIA), 5 U.S.C. 552 (B)(6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF IN ATION ACT (FOI), 5 U.S.C. 552 (B) (6)



INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

SNAPSHOT DATA SUMMARY

No Snapshot Data available for [redacted]

No Snapshot Data available for [redacted]

SessionID [redacted]

No Snapshot Data available for [redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INF MATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

[redacted] DI TURBO PHEV ENGINE

[redacted] ⚠ 1 Alerts

[redacted]

[redacted] HCP

Hybrid Control Processor

Switch ECU

Flash | DTCs | Data | Misc Functions | System Tests | Actuators | Details | Configuration

Type: All | Record | Units: Imperial | Filter | Graph | Data | Clear | 0.75 s | resolver

Combustion Engine Auto Stop Inhibit Reasons	0 items +
Combustion Engine Start Inhibit Reasons	0 items +
Remedial Actions History	0 items +
Combustion Engine Stop Start Failure Reasons	0 items +
Combustion Engine Immediate Stop Reasons	0 items +
Combustion Engine Auto Stop Inhibit Reasons	[redacted] +
Regen Braking Status	0 items +
HCP System Shutdown Command	0 items +
Electric Only Mode Fail Status	0 items +
Electric Air Compressor ([redacted]) Status	0 items +
HV Cable Connector Status	0 items +
Ungrouped Data	[redacted] –

NAME	VALUE	UNIT	TYPE
Motor A Resolver Offset Learn	[redacted]		Sensors
[redacted]	[redacted]		Sensors
[redacted]	[redacted]		Sensors
[redacted]	[redacted]	Degree	Sensors
[redacted]	[redacted]	Degree	Sensors
Motor A Resolver Angle Offset	[redacted]		
Motor B Resolver Angle Offset	[redacted]		
Motor A Resolver Supply Voltage Value	[redacted]		Sensors
Motor B Resolver Supply Voltage Value	[redacted]		Sensors
Motor A Resolver to Digital Low [redacted]	[redacted]		Sensors
[redacted] Level Driver Faults	[redacted]		Sensors
Resolver Offset Learn			Sensors

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B)(6)

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INF M T ON ACT (FOIA), 5 U.S.C. 552 (B) (6)

[redacted] DI TURBO PHEV ENGINE

[redacted] ⚠ 1 Alerts

IBS 14.00 [redacted]

[redacted] HCP

✕ Exit

[redacted] - Internal Control Module Torque Calculation Performance-

Environmental Data | Snapshot Data

NAME	VALUE	UNIT
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	miles
Most Recent Odometer Value	[redacted]	miles
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	
Microcontroller reset reason - [redacted] 0	[redacted]	
Microcontroller reset reason - [redacted] 1	[redacted]	
Real time clock	[redacted]	sec
RAM stamps keyOn	[redacted]	sec
RAM Stamps	[redacted]	Min
Accelerator Pedal Position	[redacted]	%
Barometric Pressure	[redacted]	[redacted]
Engine Coolant Temperature	[redacted]	°F
Engine Speed	[redacted]	rpm
Vehicle Speed	[redacted]	MPH
HV Battery SOC	[redacted]	%
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	[redacted]
Battery Feed Voltage 2 Sense	[redacted]	[redacted]
Battery Feed Voltage 3 Sense	[redacted]	[redacted]
Internal EPS Voltage Sense A	[redacted]	[redacted]
Internal EPS Voltage Sense B	[redacted]	[redacted]
Hybrid System State	[redacted]	
Actual Torque - Motor A	[redacted]	Ft-Lbs
Actual Torque - Motor B	[redacted]	Ft-Lbs
Available Motor Torque - Motor A	[redacted]	Ft-Lbs
Available Motor Torque - Motor B	[redacted]	Ft-Lbs
Available Regen Torque - Motor A	[redacted]	Ft-Lbs
Available Regen Torque - Motor B	[redacted]	Ft-Lbs
Commanded Torque - Motor A	[redacted]	Ft-Lbs
Commanded Torque - Motor B	[redacted]	Ft-Lbs
Motor A - Inverter Current - phase A	[redacted]	AMP
Motor A - Inverter Current - phase B	[redacted]	AMP
Motor A - Inverter Current - phase C	[redacted]	AMP
Motor B - Inverter Current - phase A	[redacted]	AMP
Motor B - Inverter Current - phase B	[redacted]	AMP
Motor B - Inverter Current - phase C	[redacted]	AMP
Motor A Resolver Angle	[redacted]	Degree
Motor B Resolver Angle	[redacted]	Degree
Motor A Temp Sensor	[redacted]	°F
Motor B Temp Sensor	[redacted]	°F
Outside Air Temperature	[redacted]	°F
Ignition State	[redacted]	
HCP ePT Wake-Up Output	[redacted]	
CBC Wake-Up Input	[redacted]	
EPT LOC Diag Enable	[redacted]	
Propulsion System Active	[redacted]	
HV Contactor Status	[redacted]	
HV Battery Voltage from BPCM	[redacted]	[redacted]
Electric Motor A Speed	[redacted]	rpm
Electric Motor B Speed	[redacted]	rpm
PIM DC Link Voltage - A	[redacted]	[redacted]
PIM DC Link Voltage - B	[redacted]	[redacted]
Inverter A IGBT Temperature for phase A	[redacted]	°F
Inverter A IGBT Temperature for phase B	[redacted]	°F
Inverter A IGBT Temperature for phase C	[redacted]	°F

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NAME

[redacted] Sleep Time

SW Build Release Version

[redacted] SW Version

[redacted]

Lv1 Engine Speed

Lv1 Vehicle Speed

Lv1 Ignition State

[redacted]

F[redacted]MATION REDACTED PURSUANT TO THE FREEDOM OF INFO ACT (FOIA), 5 U.S.C. 552 (B) (6)

[redacted] DI TURBO PHEV ENGINE

[redacted] ⚠ 1 Alerts

IBS 14.00 [redacted]

[redacted] HCP

✕ Exit

[redacted] - Power Inverter Module - Incorrect Control Mode-

Environmental Data | Snapshot Data

NAME	VALUE	UNIT
DTC	[redacted]	
Test Failed	[redacted]	
Test Failed This Operation Cycle	[redacted]	
Pending DTC	[redacted]	
Confirmed DTC	[redacted]	
Test Not Completed Since Last Clear	[redacted]	
Test Failed Since Last Clear	[redacted]	
Test Not Completed This Operation Cycle	[redacted]	
Warning Indicator Requested	[redacted]	
DTC Extended Data Record Number	[redacted]	
Occurrence flag	[redacted]	
Original Odometer Value	[redacted]	miles
Most Recent Odometer Value	[redacted]	miles
Frequency Counter	[redacted]	
Ignition Cycle Counter	[redacted]	
Microcontroller reset reason - [redacted] 0	[redacted]	
Microcontroller reset reason - [redacted] 1	[redacted]	
Real time clock	[redacted]	sec
RAM stamps keyOn	[redacted]	sec
RAM Stamps	[redacted]	Min
Accelerator Pedal Position	0	%
Barometric Pressure	[redacted]	
Engine Coolant Temperature	[redacted]	°F
Engine Speed	0	
Vehicle Speed	[redacted]	
HV Battery SOC	[redacted]	
Brake Switch Status	[redacted]	
Battery Feed Voltage 1 Sense	[redacted]	
Battery Feed Voltage 2 Sense	[redacted]	
Battery Feed Voltage 3 Sense	[redacted]	
Internal EPS Voltage Sense A	[redacted]	
Internal EPS Voltage Sense B	[redacted]	
Hybrid System State	[redacted]	
Actual Torque - Motor A	[redacted]	
Actual Torque - Motor B	[redacted]	
Available Motor Torque - Motor A	[redacted]	
Available Motor Torque - Motor B	[redacted]	
Available Regen Torque - Motor A	[redacted]	
Available Regen Torque - Motor B	[redacted]	
Commanded Torque - Motor A	[redacted]	
Commanded Torque - Motor B	[redacted]	
Motor A - Inverter Current - phase A	[redacted]	
Motor A - Inverter Current - phase B	[redacted]	
Motor A - Inverter Current - phase C	[redacted]	
Motor B - Inverter Current - phase A	[redacted]	
Motor B - Inverter Current - phase B	[redacted]	
Motor B - Inverter Current - phase C	[redacted]	
Motor A Resolver Angle	[redacted]	
Motor B Resolver Angle	[redacted]	Degree
Motor A Temp Sensor	[redacted]	°F
Motor B Temp Sensor	[redacted]	°F
Outside Air Temperature	[redacted]	
Ignition State	[redacted]	
HCP ePT Wake-Up Output	[redacted]	
CBC Wake-Up Input	[redacted]	
EPT LOC Diag Enable	[redacted]	
Propulsion System Active	[redacted]	
HV Contactor Status	[redacted]	
HV Battery Voltage from BPCM	[redacted]	
Electric Motor A Speed	[redacted]	
Electric Motor B Speed	[redacted]	
PIM DC Link Voltage - A	[redacted]	
PIM DC Link Voltage - B	[redacted]	
Inverter A IGBT Temperature for phase A	[redacted]	°F
Inverter A IGBT Temperature for phase B	[redacted]	
Inverter A IGBT Temperature for phase C	[redacted]	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFOR[redacted]ION ACT (FOIA), 5 U.S.C. [redacted](B) (6)

NAME	VALUE
Inverter B IGBT Temperature for phase A	[redacted]
Inverter B IGBT Temperature for phase B	[redacted]
Inverter B IGBT Temperature for phase C	[redacted]
APM Status	[redacted]
Impact Event	[redacted]
PRND Position Display	[redacted]
[redacted] System Shutdown Command	[redacted]
PHEV Charging Status	[redacted]
Distance Travelled with Light ON	[redacted]
OBCM Operating Mode	[redacted]
[redacted] Detected State	[redacted]
HV Battery Sleep Time	[redacted]
SW Build Release Version	[redacted]
[redacted] SW Version	[redacted]
High Voltage bus voltage fault status	[redacted]
Lv1 Engine Speed	[redacted]
Lv1 Vehicle Speed	[redacted]
Lv1 Ignition State	[redacted]
Commanded Ignition State	[redacted]
Ignition Switch	[redacted]
HV Battery Contactor Fault Active	[redacted]
eMotor A Mode Command	[redacted]
HV Battery Contractor State	[redacted]
Lv2 Vehicle Speed	[redacted]
Lv1 In Field Mode	[redacted]
Lv1 Resolver Offset Learn	[redacted]
Lv2 CAN-C BusOff	[redacted]
Lv2 CAN-ePT BusOff	[redacted]
Lv1 Post Code Clear Diag Disabled	[redacted]
CAN Key Status Fault Active	[redacted]
Lv2 Test Device Present	[redacted]
Lv2 Output Torque Max Limit Fail	[redacted]
Lv2 Output Torque Min Limit Fail	[redacted]
Lv1 Diagnostic System Disabled	[redacted]
Lv1 Disabled Diagnotic Fail Safe	[redacted]
CAN Hybrid Feedback ECM	[redacted]
eMotor B Mode Command	[redacted]
Motor A Inverter SW Command	[redacted]
Motor B Inverter SW Command	[redacted]
Lv2 Output Torque Command Fault	[redacted]
Lv1 Retarded Shutdown	[redacted]
Lv1 System Shutdown	[redacted]
Lv2 Motor Mode Failure	[redacted]
Lv2 Key Run Crank Active	[redacted]
Lv2 CAN Key In Run	[redacted]
Lv2 Motor Mode Monitor Not Allowed	[redacted]
Lv2 Motor Mode Falling	[redacted]
Lv2 Motor Mode Monitor Set	[redacted]
Lv2 Prime Running	[redacted]
Lv2 Motor Mode Fault Count	[redacted]
[redacted] Commanded Reduced Performance Torque	[redacted]
[redacted] Flag to trigger Reduced Performance Mode	[redacted]
[redacted] Output Torque Monitor Failing - Max Lim Violated	[redacted]
[redacted] Output Torque Monitor Failing - Min Lim Violated	[redacted]
[redacted] Output Torque Monitor Failed - Max Lim Violated	[redacted]
[redacted] Output Torque Monitor Failed - Min Lim Violated	[redacted]
[redacted] Regen Monitor Fault	[redacted]
[redacted] Reduced Performance Mode	[redacted]
GPS Date - Year	[redacted]
GPS Date - Month	[redacted]
GPS Date - Day	[redacted]
UTC Time - Hours	[redacted]
UTC Time - Minutes	[redacted]
UTC Time - Seconds	[redacted]
ECU Time - Milliseconds	[redacted]

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INF[redacted]ON ACT (FOIA), 5 U.S.C. 552 (B) (6)